



**Work Order – WO0047557
Foundry Approval – Initial
Certificate No: FDRY-0047557**

Attention: SIMPLEX CASTINGS LIMITED (WCN: 474389)

The documents shown in the attached list are reviewed or filed for reference in accordance with the applicable requirements of the following and the facility is considered approved to manufacture castings for hull & machinery components as outlined in the process/product approval.

1. ABS Rules for Materials and Welding, Part 2, 2024

Please note it is the responsibility of the facility to inform ABS of any changes to the manufacturing parameters and request an annual endorsement survey or renewal of approval prior to the five-year expiry date.

Refer to attachments, Process/Product Approval, Manufacturer Approval Certificate FDRY-0047557.

For any clarifications, contact James Oehrle at +1-281-877-6148, joehrle@eagle.org.

Very truly yours,

Gareth Burton
Senior Vice President of Engineering

Electronically Signed by: Satya Meruva

Documents List

Drawing No.	Rev. No.	Title	Status
Cover letter	-	Cover letter	Reviewed
Manufacturing flow chart	R0	Manufacturing flow chart	Reviewed
Organization QC	R0	Organization QC	Reviewed
Organization chart	R0	Organization chart	Reviewed
QC of Different stage of processing	R0	QC of Different stage of processing	Reviewed
Qualification QC	R0	Qualification QC	Reviewed
RDSO Approval	R0	RDSO Approval	Reviewed
SIMPLEX COMPANY PROFILE	R0	company profile	Reviewed
Simplex Castings	R0	Foundry Submittals	Reviewed
Testing eqpt Calibration list	R0	Caliberation list of Testing equipment	Reviewed
Testing Facilities	R0	Testing facilities	Reviewed
Foundry Facilities	R0	Foundry Facilities	Reviewed
ISO 9001 2015	R0	ISO Certificate	Filed by ABS for Reference Only
NCR format	R0	Non-conformance report format	Filed by ABS for Reference Only

Electronic copies of the documents, appropriately stamped, are available in the ABS MyFreedom™ Client Portal

Process/Product Approval

Certificate No. FDRY-0047557.

Grade	ABS & Non-ABS Grades: - Carbon Steels - Ductile Cast Iron	ABS & Non-ABS Grades: - Grey Cast Iron
Melting Practice	Electric Arc, Furnace, Induction Furnace, Cupola Furnace	
Casting Practice	Sand Casting	
Maximum Weight	15,000 kg	32,000 kg
Maximum Thickness/Diameter	300 mm / 5,000 mm	
Heat Treatment Facility	In-house	
Product Examples	Bracket, Stern Frame, Rudder Stock Assembly, Coupling Guard, Base Frame etc.	

Note: Weld repairs and PWHT, if applicable, to ABS certified castings are to be approved prior to commencing the repair.



CERTIFICATE NUMBER
FDRY-0047557

ISSUING OFFICE
Houston Materials

CERTIFICATE OF FOUNDRY FACILITY AND PROCESS APPROVAL

This is to certify that a representative of ABS did, at the request of

SIMPLEX CASTINGS LIMITED

#5, INDUSTRIAL ESTATE, BHILAI,
CHHATTISGARH, India, 490023

attend its facilities as indicated in the ABS Kolkata Port port office survey report number 6756482 dated 13 December 2024 in order to carry out a survey of the facilities and associated quality procedures. The facility is considered capable of manufacturing

Steel Casting and Cast Iron Casting components for marine applications

in accordance with the ABS Approval letter (Reference WO0047557), ABS Rules, designated standards and ABS approved drawings. The approval is valid till 12 December 2029 subject to adherence to relevant ABS Rules, Survey requirements and annual endorsement by an ABS representative.

Marcus Cridland
Chief Metallurgist, ABS

ISSUE DATE: 13 December 2024

EXPIRY DATE: 12 December 2029

FIRST ANNUAL
ENDORSEMENT:

SECOND ANNUAL
ENDORSEMENT:

THIRD ANNUAL
ENDORSEMENT:

FOURTH ANNUAL
ENDORSEMENT:

NOTE: This certificate evidences compliance with one or more of the Rules, Guides, standards or other criteria of ABS or a statutory, industrial or manufacturer's standards. It is issued solely for the use of ABS, its committees, its clients or other authorized entities. This Certificate is a representation only that the structure, item of material, equipment, machinery or any other item covered by this Certificate has met one or more of the Rules, Guides, standards or other criteria of ABS as of the date of issue. Parties are advised to review the Rules for the scope and conditions of classification and to review the survey records for a full description of any restrictions or limitation on the vessel's service or surveys. The validity, applicability and interpretation of this Certificate is governed by the Rules and standards of ABS who shall remain the sole judge thereof. Nothing contained in this Certificate or in any notation made in contemplation of this Certificate shall be deemed to relieve any designer, builder, owner, manufacturer, seller, supplier, repairer, operator or other entity of any warranty express or implied.